

**POST CLOSURE PLAN  
INDUSTRIAL LANDFILL  
PERMIT # 516  
HEARTLAND CEMENT COMPANY,  
dba BUZZI UNICEM USA  
INDEPENDENCE, KANSAS**

**JUNE 2011  
Revised November 2015**

**HEARTLAND CEMENT COMPANY  
dba BUZZI UNICEM USA  
P.O. BOX 428  
INDEPENDENCE, KS 67301**

## **POST-CLOSURE PLAN CKD LANDFILL**

### **1.1 Program**

Following closure and post-closure care of the landfill must be conducted for 30 years. The post-closure care program includes the following elements:

- Inspection and maintenance of the cover to ensure integrity and effectiveness, including making repairs to the cover as necessary, and preventing run-on and runoff from eroding or otherwise damaging the final cover is detailed in the Landfill Cap Management Plan, SWMU 11 (Kiln Dust Landfills A&B). The plan is attachment A to this document.
- Annual inspection and maintenance of access control structures and posted signs; and
- Maintenance and sampling and testing of groundwater monitoring wells. Details of the program are found in the Groundwater Monitoring Plan, SWMU 11 (Kiln Dust Landfills A&B). The plan is attachment B to this document.

### **1.2 Post-Closure Use**

Post-closure uses will not be permitted to disturb the integrity of the final cover, other components of the containment system, or the functioning of the groundwater monitoring wells, unless necessary to comply with the requirements of the Kansas solid waste management regulations. As required, approval from KDHE and EPA will be obtained for modification of the final use of the site.

### **1.3 Post-Closure Contact**

The post-closure contact person is Wallace Snodgrass, the Terminal Manager for the Heartland facility. The address and telephone number is as follows:

Heartland Cement Company  
P. O. Box 428  
1765 Limestone Lane  
Independence, Kansas 67301  
Telephone: (620) 331-0200

### **1.4 Record Keeping**

Inspection reports and test results generated by the post-closure care program will be kept on file by Heartland for a period required by applicable regulations.

## **1.5     Notices and Certifications**

Heartland will submit a certification signed by a registered Professional Engineer in the State of Kansas verifying that post-closure care has been completed in accordance with the approved post-closure plan.

## **1.6     Post-Closure Cost Estimate**

The annual post-closure care cost is estimated to be \$39,318 in current year (2015) dollars. This estimate includes site inspections, final cover repair, seeding repair, groundwater monitoring, and record keeping. Attachment C contains a breakdown of the estimated costs. The estimated total post-closure care cost for 30 years was calculated to be \$1,203,543